



## Lesson Plan Framework

### UNIT F Sub Unit F2

#### Acids and Metals

**Group:** 1G

**Location:** Main Chemistry Lab

**Date/Time:** 14<sup>th</sup> November

#### 1. Learning Objectives:

- Should be able to expand knowledge about the last lesson(F1 – changing materials).
- learn that Metals react with acid to make hydrogen.
- Carry out the test for hydrogen.
- To Know that Metals corrode because of chemical reactions.

#### 2. Learning Outcomes:

- know that most acids react with metal to make hydrogen
- know that metals corrode because of chemical reactions
- know that the test for hydrogen is a squeaky pop with a lighted splint

#### 3. National Curriculum References:

- KS3, Unit F (Changing Materials), sub Unit F2(Acids and Metals) of the catalyst text book.

#### 4. Links to other areas:

- Children will be able to learn the lesson topic using some ICT Skills, literacy and working as groups on the lab.



## **5. Previous Assessment details informing this lesson:**

- Use an interesting and simple worksheet to make a small review about the last lesson.
- Use activities to capture interest to the new topic (e.g. show some pictures and videos as a easy way to make them understand about the unit topic).
- Use of worksheets to make pupils involve and get familiarise with the unit.

## **6. Differentiation:**

- Particular attention to dyslexic pupils, during the lesson and verify at the end of lesson as the work developed and complete if necessary. (Important to establish a comfortable environment for children with difficulties to feel better and have the opportunity to develop some knowledge.
- If necessary repeat all the lesson important concepts to pupils with difficulties as a way to follow their progress in the classroom.

## **7. Health and Safety:**

- See risk assessment attach.